

WHAT IS CLAIMED IS:

1. A polishing pad comprising:
a water-insoluble matrix material comprising a crosslinked
5 polymer, and
water-soluble particles dispersed in the water-insoluble
matrix material,
wherein the solubility of the water-soluble particles in
water is 0.1 to 10 wt% at 25°C, and the amount of water-soluble
10 particles eluted from the pad when the pad is immersed in
water is 0.05 to 50 wt% at 25°C.
2. The pad of claim 1, wherein the solubility of the
water-soluble particles in water is 0.5 to 15 wt% at 50°C,
15 and the amount of water-soluble particles eluted from the
pad when the pad is immersed in water is 0.05 to 50 wt% at
50°C.
3. The pad of claim 1, wherein the solubility of the
water-soluble particles in water is 0.1 to 3 wt% at 25°C at
20 a pH of 3 to 11.
4. The pad of claim 1, wherein the crosslinked polymer
of the water-insoluble matrix material is a crosslinked
25 1,2-polybutadiene.
5. A polishing pad comprising:
a water-insoluble matrix material comprising a crosslinked
polymer, and
30 water-soluble particles dispersed in the water-insoluble
matrix material,
wherein the solubility of the water-soluble particles in
water is 0.1 to 10 wt% at 25°C at a pH of 3 to 11, and solubility
thereof in water at 25°C at a pH of 3 to 11 is within ±50%

of solubility thereof in water at 25°C at a pH of 7.

6. The pad of claim 5, wherein the solubility of the water-soluble particles in water is 0.1 to 3 wt% at 25°C at 5 a pH of 3 to 11, and solubility thereof in water at 25°C at a pH of 3 to 11 is within $\pm 50\%$ of solubility thereof in water at 25°C at a pH of 7.

7. The pad of claim 5, wherein the crosslinked polymer 10 of the water-insoluble matrix material is a crosslinked 1,2-polybutadiene.

8. A polishing pad comprising:
a water-insoluble matrix material comprising a crosslinked 15 polymer, and
water-soluble particles dispersed in the water-insoluble matrix material,
wherein the water-soluble particles contain at least one group selected from the class consisting of an amino group, 20 an epoxy group, an isocyanurate group and a hydroxyl group.

9. The pad of claim 8, wherein the solubility of the water-soluble particles in water is 0.1 to 10 wt% at 25°C at a pH of 3 to 11, and the amount of water-soluble particles 25 eluted from the pad when the pad is immersed in water is 0.05 to 50 wt% at 25°C at a pH of 3 to 11.

10. The pad of claim 8, wherein the solubility of the water-soluble particles in water is 0.1 to 10 wt% at 25°C 30 at a pH of 3 to 11, and solubility thereof in water at 25°C at a pH of 3 to 11 is within $\pm 50\%$ of solubility thereof in water at 25°C at a pH of 7.

11. The pad of claim 10, wherein the solubility of the

water-soluble particles in water is 0.1 to 3 wt% at 25°C at a pH of 3 to 11, and solubility thereof in water at 25°C at a pH of 3 to 11 is within $\pm 50\%$ of solubility thereof in water at 25°C at a pH of 7.

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12. The pad of claim 8, wherein the crosslinked polymer of the water-insoluble matrix material is a crosslinked 1,2-polybutadiene.